

Title (en)

Vehicle projector

Title (de)

Kfz-Scheinwerfer

Title (fr)

Projecteur pour véhicule automobile

Publication

EP 1731829 A1 20061213 (FR)

Application

EP 06290837 A 20060523

Priority

FR 0505694 A 20050606

Abstract (en)

The headlamp has a reference mirror (4) with a focus, shifted relative to a collector mirror (1) to recover a beam emitted by a light source. An axis of a discharge lamp (8) of the source coincides with an optical axis of the mirror (4). A flat reference mirror (5) has a reflecting surface inclined such that the mirror (5) directs light from the mirror (1) to the mirror (4). A focus of the mirror (4) coincides with an image of an external focus of the mirror (1). A flat folder (6) has a reflecting surface with an edge, located near the former focus, whose image defines a cut-off of the beam.

IPC 8 full level

F21V 7/00 (2006.01); **F21S 8/10** (2006.01); **F21W 107/10** (2018.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)

F21S 41/162 (2017.12 - US); **F21S 41/172** (2017.12 - EP US); **F21S 41/321** (2017.12 - EP); **F21S 41/365** (2017.12 - EP US); **F21S 41/43** (2017.12 - EP); **F21W 2102/30** (2017.12 - EP)

Citation (search report)

- [A] US 2004022067 A1 20040205 - TANIUCHI HITOSHI [JP]
- [A] EP 1286106 A1 20030226 - STANLEY ELECTRIC CO LTD [JP]
- [A] US 2003090906 A1 20030515 - HAYAKAWA MICHIIKO [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1731829 A1 20061213; **EP 1731829 B1 20090121**; AT E421662 T1 20090215; DE 602006004918 D1 20090312; ES 2320376 T3 20090521; FR 2886712 A1 20061208; FR 2886712 B1 20070817; JP 2006344599 A 20061221

DOCDB simple family (application)

EP 06290837 A 20060523; AT 06290837 T 20060523; DE 602006004918 T 20060523; ES 06290837 T 20060523; FR 0505694 A 20050606; JP 2006155520 A 20060605